

* * * * * STN Columbus * *
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FILE 'HOME' ENTERED AT 15:54:39 ON 15 APR 2008

=> file medline
COST IN U.S. DOLLARS
SINCE FILE TOTAL

ENTRY SESSION
FULL ESTIMATED COST
0.21 0.21

FILE 'MEDLINE' ENTERED AT 15:55:12 ON 15 APR
2008

FILE LAST UPDATED: 12 Apr 2008 (20080412/UP).
FILE COVERS 1949 TO DATE.

=> s olfact? or odorant#
28426 OLFAC?#
3461 ODORANT#
L1 29209 OLFAC? OR ODORANT#

=> s l1(p) receptor#
849426 RECEPTOR#
L2 7138 L1(P) RECEPTOR#

=> s macroglia# or schwann
285 MACROGLIA#
10609 SCHWANN
L3 10880 MACROGLIA# OR SCHWANN

=> s l2 (p) l3
L4 55 L2 (P) L3

=> d 1-55 ti so

L4 ANSWER 1 OF 55 MEDLINE on STN
TI Culturing olfactory ensheathing cells
from the mouse olfactory epithelium.
SO Methods in molecular biology (Clifton,
N.J.), (2008) Vol. 438, pp. 95-102.
Journal code: 9214969. ISSN: 1064-3745.

L4 ANSWER 2 OF 55 MEDLINE on STN
TI Differential expression of HNK-1 and
p75(NTR) in adult canine Schwann
cells and olfactory ensheathing cells in
situ but not in vitro.
SO The Journal of comparative neurology,
(2007 Dec 10) Vol. 505, No. 5, pp.
572-85.
Journal code: 0406041. E-ISSN: 1096-9861.

L4 ANSWER 3 OF 55 MEDLINE on STN
TI FGF/heparin differentially regulates
Schwann cell and olfactory
ensheathing cell interactions with
astrocytes: a role in astrogliosis.
SO The Journal of neuroscience : the
official journal of the Society for
Neuroscience, (2007 Jul 4) Vol. 27, No.
27, pp. 7154-67.
Journal code: 8102140. E-ISSN: 1529-2401.

L4 ANSWER 4 OF 55 MEDLINE on STN

TI Bacteria and PAMPs activate nuclear
factor kappaB and Gro production in a
subset of olfactory ensheathing cells and
astrocytes but not in Schwann
cells.

SO Glia, (2007 Jul) Vol. 55, No. 9, pp. 905-
16.

Journal code: 8806785. ISSN: 0894-1491.

L4 ANSWER 5 OF 55 MEDLINE on STN
TI Glial cell line-derived neurotrophic
factor promotes olfactory ensheathing
cells migration.

SO Glia, (2006 Nov 1) Vol. 54, No. 6, pp.
536-44.

Journal code: 8806785. ISSN: 0894-1491.

L4 ANSWER 6 OF 55 MEDLINE on STN
TI Motor enrichment sustains hindlimb
movement recovered after spinal cord
injury and glial transplantation.
SO Restorative neurology and neuroscience,
(2006) Vol. 24, No. 3, pp. 147-61.
Journal code: 9005499. ISSN: 0922-6028.

L4 ANSWER 7 OF 55 MEDLINE on STN
TI Cultures of rat olfactory ensheathing
cells are contaminated with Schwann
cells.
SO Neuroreport, (2006 Apr 3) Vol. 17, No. 5,
pp. 459-62.
Journal code: 9100935. ISSN: 0959-4965.

L4 ANSWER 8 OF 55 MEDLINE on STN
TI Molecular targets to promote central
nervous system regeneration.
SO Current neurovascular research, (2004
Jan) Vol. 1, No. 1, pp. 61-75. Ref:
197
Journal code: 101208439. ISSN: 1567-2026.

L4 ANSWER 9 OF 55 MEDLINE on STN
TI Genetic expression profile of olfactory
ensheathing cells is distinct from
that of Schwann cells and astrocytes.
SO Glia, (2005 Aug 1) Vol. 51, No. 2, pp.
132-47.
Journal code: 8806785. ISSN: 0894-1491.

L4 ANSWER 10 OF 55 MEDLINE on STN
TI Olfactory ensheathing cells: their role
in central nervous system repair.
SO The international journal of biochemistry
& cell biology, (2005 Apr) Vol.
37, No. 4, pp. 693-9. Ref: 24
Journal code: 9508482. ISSN: 1357-2725.

L4 ANSWER 11 OF 55 MEDLINE on STN
TI Olfactory ensheathing cells: unique glial
cell types?.
SO Journal of neurotrauma, (2004 Apr) Vol.
21, No. 4, pp. 375-82. Ref: 55
Journal code: 8811626. ISSN: 0897-7151.

L4 ANSWER 12 OF 55 MEDLINE on STN
TI Response of olfactory ensheathing cells
to the degeneration and
regeneration of the peripheral olfactory
system and the involvement of the
neuregulins.

SO The Journal of comparative neurology,
(2004 Feb 23) Vol. 470, No. 1, pp.
50-62.
Journal code: 0406041. ISSN: 0021-9967.

L4 ANSWER 13 OF 55 MEDLINE on STN
TI Olfactory ensheathing cells (OECs) and
the treatment of CNS injury:
advantages and possible caveats.
SO Journal of anatomy, (2004 Jan) Vol. 204,
No. 1, pp. 57-67. Ref: 92
Journal code: 0137162. ISSN: 0021-8782.

L4 ANSWER 14 OF 55 MEDLINE on STN
TI Lysophosphatidic acid regulates the
proliferation and migration of
olfactory ensheathing cells in vitro.
SO Glia, (2003 Oct) Vol. 44, No. 1, pp. 26-
36.
Journal code: 8806785. ISSN: 0894-1491.

L4 ANSWER 15 OF 55 MEDLINE on STN
TI Immortalized olfactory ensheathing glia
promote axonal regeneration of rat
retinal ganglion neurons.
SO Journal of neurochemistry, (2003 May)
Vol. 85, No. 4, pp. 861-71.
Journal code: 2985190R. ISSN: 0022-3042.

L4 ANSWER 16 OF 55 MEDLINE on STN
TI Morphological plasticity of olfactory
ensheathing cells is regulated by
cAMP and endothelin-1.
SO Glia, (2003 Mar) Vol. 41, No. 4, pp. 393-
403.
Journal code: 8806785. ISSN: 0894-1491.

L4 ANSWER 17 OF 55 MEDLINE on STN
TI Olfactory ensheathing cells of the lamina
propria in vivo and in vitro.
SO Glia, (2003 Feb) Vol. 41, No. 3, pp. 224-
36.
Journal code: 8806785. ISSN: 0894-1491.

L4 ANSWER 18 OF 55 MEDLINE on STN
TI Nogo-receptor gene activity: cellular
localization and developmental
regulation of mRNA in mice and humans.
SO The Journal of comparative neurology,
(2002 Nov 18) Vol. 453, No. 3, pp.
292-304.
Journal code: 0406041. ISSN: 0021-9967.

L4 ANSWER 19 OF 55 MEDLINE on STN
TI Hepatocyte growth factor stimulates the
proliferation and migration of
oligodendrocyte precursor cells.
SO Journal of neuroscience research, (2002
Sep 1) Vol. 69, No. 5, pp.
597-606.
Journal code: 7600111. ISSN: 0360-4012.

L4 ANSWER 20 OF 55 MEDLINE on STN
TI Olfactory ensheathing glia and Schwann
cells: two of a kind?
SO Cell and tissue research, (2002 Sep) Vol.
309, No. 3, pp. 337-45.
Electronic Publication: 2002-07-17. Ref:
87
Journal code: 0417625. ISSN: 0302-766X.

L4 ANSWER 21 OF 55 MEDLINE on STN
TI Cellular localization of the diazepam
binding inhibitor in glial cells
with special reference to its coexistence
with brain-type fatty acid
binding protein.
SO Archives of histology and cytology, (2002
Mar) Vol. 65, No. 1, pp. 27-36.
Journal code: 8806082. ISSN: 0914-9465.

L4 ANSWER 22 OF 55 MEDLINE on STN
TI Identification of growth factors that
promote long-term proliferation of
olfactory ensheathing cells and modulate
their antigenic phenotype.
SO Glia, (2002 Mar 15) Vol. 37, No. 4, pp.
349-64.
Journal code: 8806785. ISSN: 0894-1491.

L4 ANSWER 23 OF 55 MEDLINE on STN
TI Requirement for the lpA1 lysophosphatidic
acid receptor gene in normal
suckling behavior.
SO Proceedings of the National Academy of
Sciences of the United States of
America, (2000 Nov 21) Vol. 97, No. 24,
pp. 13384-9.
Journal code: 7505876. ISSN: 0027-8424.

L4 ANSWER 24 OF 55 MEDLINE on STN
TI The vomeronasal cavity in adult humans.
SO Chemical senses, (2000 Aug) Vol. 25, No.
4, pp. 369-80.
Journal code: 8217190. ISSN: 0379-864X.

L4 ANSWER 25 OF 55 MEDLINE on STN
TI Schwann-like macroglia in adult rat
brain.
SO Glia, (2000 Mar) Vol. 30, No. 1, pp. 49-
63.
Journal code: 8806785. ISSN: 0894-1491.

L4 ANSWER 26 OF 55 MEDLINE on STN
TI Development of the olfactory bulb:
evidence for glia-neuron interactions
in glomerular formation.
SO The Journal of comparative neurology,
(1999 Dec 27) Vol. 415, No. 4, pp.
423-48.
Journal code: 0406041. ISSN: 0021-9967.

L4 ANSWER 27 OF 55 MEDLINE on STN
TI Estrogen receptor immunoreactivity in
Schwann-like brain macroglia.
SO Journal of neurobiology, (1999 Sep 15)
Vol. 40, No. 4, pp. 458-70. Ref:
106
Journal code: 0213640. ISSN: 0022-3034.

L4 ANSWER 28 OF 55 MEDLINE on STN
TI Neuregulin is a mitogen and survival
factor for olfactory bulb ensheathing
cells and an isoform is produced by
astrocytes.
SO The European journal of neuroscience,
(1999 Mar) Vol. 11, No. 3, pp.
769-80.
Journal code: 8918110. ISSN: 0953-816X.

L4 ANSWER 29 OF 55 MEDLINE on STN

TI Distribution of a specific calcium-binding protein of the S100 protein family, S100A6 (calcyclin), in subpopulations of neurons and glial cells of the adult rat nervous system.
SO The Journal of comparative neurology, (1999 Feb 8) Vol. 404, No. 2, pp. 235-57.
Journal code: 0406041. ISSN: 0021-9967.

L4 ANSWER 30 OF 55 MEDLINE on STN
TI Olfactory ensheathing cells promote neurite extension from embryonic olfactory receptor cells in vitro.
SO Glia, (1999 Jan 15) Vol. 25, No. 2, pp. 99-110.
Journal code: 8806785. ISSN: 0894-1491.

L4 ANSWER 31 OF 55 MEDLINE on STN
TI Two novel monoclonal antibodies (1.9.E and 4.11.C) against olfactory bulb ensheathing glia.
SO Glia, (1998 Nov) Vol. 24, No. 3, pp. 352-64.
Journal code: 8806785. ISSN: 0894-1491.

L4 ANSWER 32 OF 55 MEDLINE on STN
TI A rat G protein-coupled receptor selectively expressed in myelin-forming cells.
SO The European journal of neuroscience, (1998 Mar) Vol. 10, No. 3, pp. 1045-53.
Journal code: 8918110. ISSN: 0953-816X.

L4 ANSWER 33 OF 55 MEDLINE on STN
TI GFRalpha-3, a protein related to GFRalpha-1, is expressed in developing peripheral neurons and ensheathing cells.
SO The European journal of neuroscience, (1998 Apr) Vol. 10, No. 4, pp. 1508-17.
Journal code: 8918110. ISSN: 0953-816X.

L4 ANSWER 34 OF 55 MEDLINE on STN
TI Increased density of olfactory receptor neurons immunoreactive for apolipoprotein E in patients with Alzheimer's disease.
SO The Annals of otology, rhinology, and laryngology, (1998 May) Vol. 107, No. 5 Pt 1, pp. 421-6.
Journal code: 0407300. ISSN: 0003-4894.

L4 ANSWER 35 OF 55 MEDLINE on STN
TI Olfactory epithelial organotypic slice cultures: a useful tool for investigating olfactory neural development.
SO International journal of developmental neuroscience : the official journal of the International Society for Developmental Neuroscience, (1996 Nov) Vol. 14, No. 7-8, pp. 841-52.
Journal code: 8401784. ISSN: 0736-5748.

L4 ANSWER 36 OF 55 MEDLINE on STN
TI Characterization of olfactory receptor neurons and other cell types in dissociated rat olfactory cell cultures.

SO International journal of developmental neuroscience : the official journal of the International Society for Developmental Neuroscience, (1996 Nov) Vol. 14, No. 7-8, pp. 823-39.
Journal code: 8401784. ISSN: 0736-5748.

L4 ANSWER 37 OF 55 MEDLINE on STN
TI Integrin alpha 6 expression is required for early nervous system development in *Xenopus laevis*.
SO Development (Cambridge, England), (1996 Aug) Vol. 122, No. 8, pp. 2539-54.
Journal code: 8701744. ISSN: 0950-1991.

L4 ANSWER 38 OF 55 MEDLINE on STN
TI Development of olfactory glomeruli: temporal and spatial interactions between olfactory receptor axons and mitral cells in opossums and rats.
SO The Journal of comparative neurology, (1996 Apr 22) Vol. 368, No. 1, pp. 1-16.
Journal code: 0406041. ISSN: 0021-9967.

L4 ANSWER 39 OF 55 MEDLINE on STN
TI Numbers of olfactory receptor cells and fine structure of olfactory nerves in various birds.
SO Zoological science, (1995 Feb) Vol. 12, No. 1, pp. 117-23.
Journal code: 8702287. ISSN: 0289-0003.

L4 ANSWER 40 OF 55 MEDLINE on STN
TI The neurite growth promoting protease nexin 1 in glial cells of the olfactory bulb of the gerbil: an ultrastructural study.
SO Cell and tissue research, (1994 Nov) Vol. 278, No. 2, pp. 409-13.
Journal code: 0417625. ISSN: 0302-766X.

L4 ANSWER 41 OF 55 MEDLINE on STN
TI Localization and regulation of low affinity nerve growth factor receptor expression in the rat olfactory system during development and regeneration.
SO The Journal of comparative neurology, (1994 Jun 15) Vol. 344, No. 3, pp. 336-48.
Journal code: 0406041. ISSN: 0021-9967.

L4 ANSWER 42 OF 55 MEDLINE on STN
TI In vitro enfolding of olfactory neurites by p75 NGF receptor positive ensheathing cells from adult rat olfactory bulb.
SO The European journal of neuroscience, (1993 Sep 1) Vol. 5, No. 9, pp. 1172-80.
Journal code: 8918110. ISSN: 0953-816X.

L4 ANSWER 43 OF 55 MEDLINE on STN
TI The KROX-20 transcription factor in the rat central and peripheral nervous systems: novel expression pattern of an immediate early gene-encoded protein.
SO Neuroscience, (1993 Nov) Vol. 57, No. 1, pp. 41-52.

Journal code: 7605074. ISSN: 0306-4522.

L4 ANSWER 44 OF 55 MEDLINE on STN
TI Development of olfactory nerve glia defined by a monoclonal antibody specific for Schwann cells.
SO Developmental dynamics : an official publication of the American Association of Anatomists, (1992 Jul) Vol. 194, No. 3, pp. 231-8.
Journal code: 9201927. ISSN: 1058-8388.

L4 ANSWER 45 OF 55 MEDLINE on STN
TI The olfactory nerve contains two populations of glia, identified both in vivo and in vitro.
SO Glia, (1992) Vol. 5, No. 4, pp. 269-84.
Journal code: 8806785. ISSN: 0894-1491.

L4 ANSWER 46 OF 55 MEDLINE on STN
TI Glial cells from adult rat olfactory bulb: immunocytochemical properties of pure cultures of ensheathing cells.
SO Neuroscience, (1992) Vol. 47, No. 1, pp. 213-20.
Journal code: 7605074. ISSN: 0306-4522.

L4 ANSWER 47 OF 55 MEDLINE on STN
TI Histochemical demonstration of mercury in the olfactory system of salmon (Salmo salar L.) following treatments with dietary methylmercuric chloride and dissolved mercuric chloride.
SO Ecotoxicology and environmental safety, (1990 Dec) Vol. 20, No. 3, pp. 277-89.
Journal code: 7805381. ISSN: 0147-6513.

L4 ANSWER 48 OF 55 MEDLINE on STN
TI Glial influences on axonal growth in the primary olfactory system.
SO Glia, (1990) Vol. 3, No. 6, pp. 433-49.
Ref: 122
Journal code: 8806785. ISSN: 0894-1491.

L4 ANSWER 49 OF 55 MEDLINE on STN
TI Olfactory receptor cells: immunocytochemistry for nervous system-specific proteins and re-evaluation of their precursor cells.
SO Archives of histology and cytology, (1989) Vol. 52 Suppl, pp. 375-81.
Ref: 24
Journal code: 8806082. ISSN: 0914-9465.

L4 ANSWER 50 OF 55 MEDLINE on STN
TI The nervus terminalis in the mouse: light and electron microscopic immunocytochemical studies.
SO Annals of the New York Academy of Sciences, (1987) Vol. 519, pp. 165-73.
Journal code: 7506858. ISSN: 0077-8923.

L4 ANSWER 51 OF 55 MEDLINE on STN
TI Glycogen phosphorylase activity in the olfactory bulb of the young rat.
SO The Journal of comparative neurology, (1987 Jul 1) Vol. 261, No. 1, pp. 148-54.
Journal code: 0406041. ISSN: 0021-9967.

L4 ANSWER 52 OF 55 MEDLINE on STN
TI A freeze-fracture study of ***receptor*** axons and ***Schwann*** cells in the human ***olfactory*** mucosa.
SO Acta oto-laryngologica, (1986 Nov-Dec) Vol. 102, No. 5-6, pp. 494-9.
Journal code: 0370354. ISSN: 0001-6489.

L4 ANSWER 53 OF 55 MEDLINE on STN
TI Functional properties of vertebrate olfactory receptor neurons.
SO Physiological reviews, (1986 Jul) Vol. 66, No. 3, pp. 772-818. Ref: 358
Journal code: 0231714. ISSN: 0031-9333.

L4 ANSWER 54 OF 55 MEDLINE on STN
TI Neuron-specific enolase, neurofilament protein and S-100 protein in the olfactory mucosa of human fetuses. An immunohistochemical study.
SO Cell and tissue research, (1984) Vol. 238, No. 2, pp. 231-4.
Journal code: 0417625. ISSN: 0302-766X.

L4 ANSWER 55 OF 55 MEDLINE on STN
TI Morphological relations between the ***receptor*** neurons, sustentacular cells and ***Schwann*** cells in the ***olfactory*** mucosa of the salamander.
SO The Anatomical record, (1983 May) Vol. 206, No. 1, pp. 87-101.
Journal code: 0370540. ISSN: 0003-276X.

=> log y
COST IN U.S. DOLLARS
SINCE FILE TOTAL

ENTRY SESSION
FULL ESTIMATED COST
3.53 3.74

STN INTERNATIONAL LOGOFF AT 15:56:39 ON 15 APR 2008